

Service Manual

Model: CLE8.0

Compressor / Limiter / Gate



www.altoproaudio.com

Version: 1.1

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1. Specification

SPECIFICATIONS FOR CLE8.0

INPUT		

OUTPUT		

SIDECHAIN INPUT		

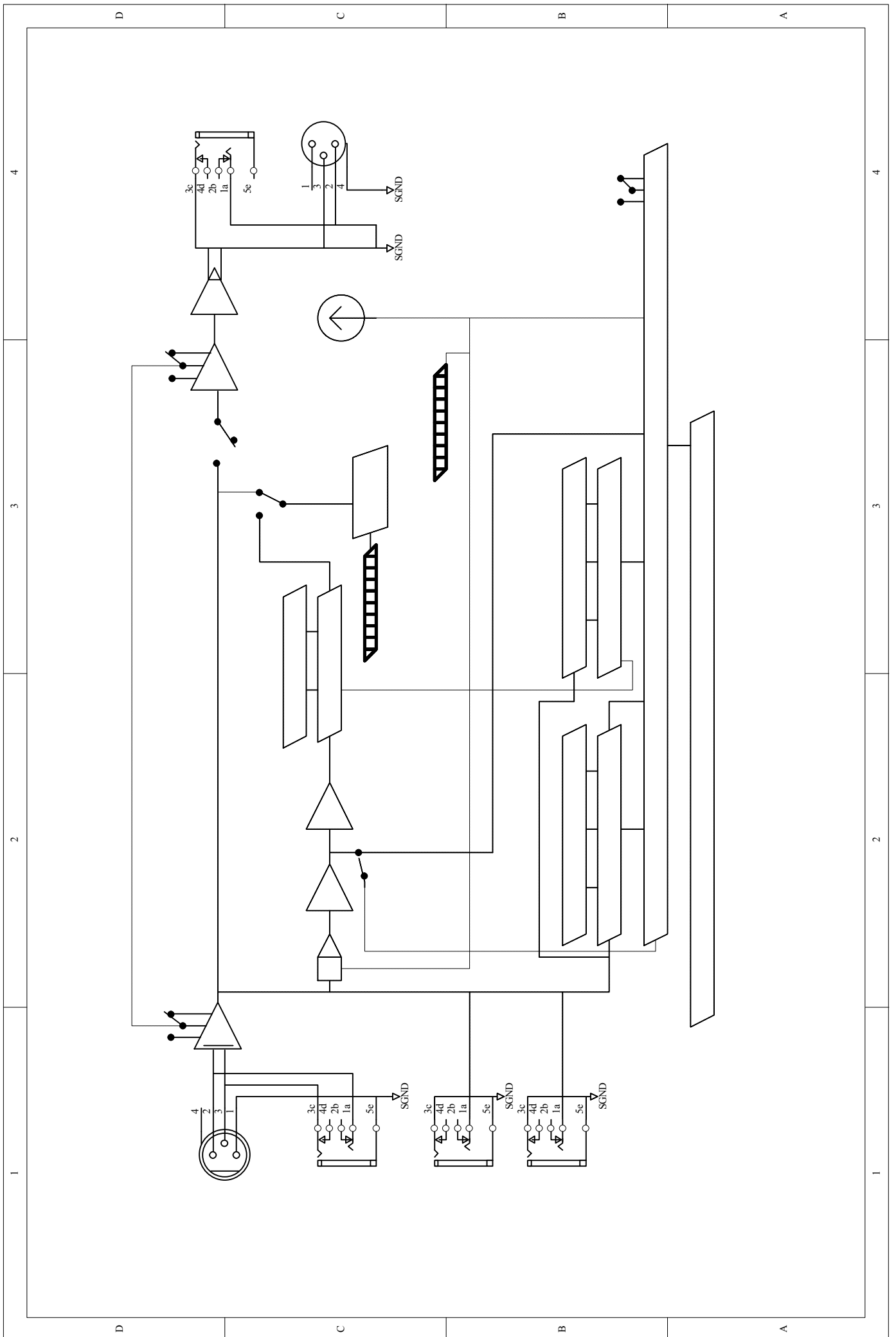
SIDECHAIN OUTPUT		

SYSTEM SPECIFICATIONS		

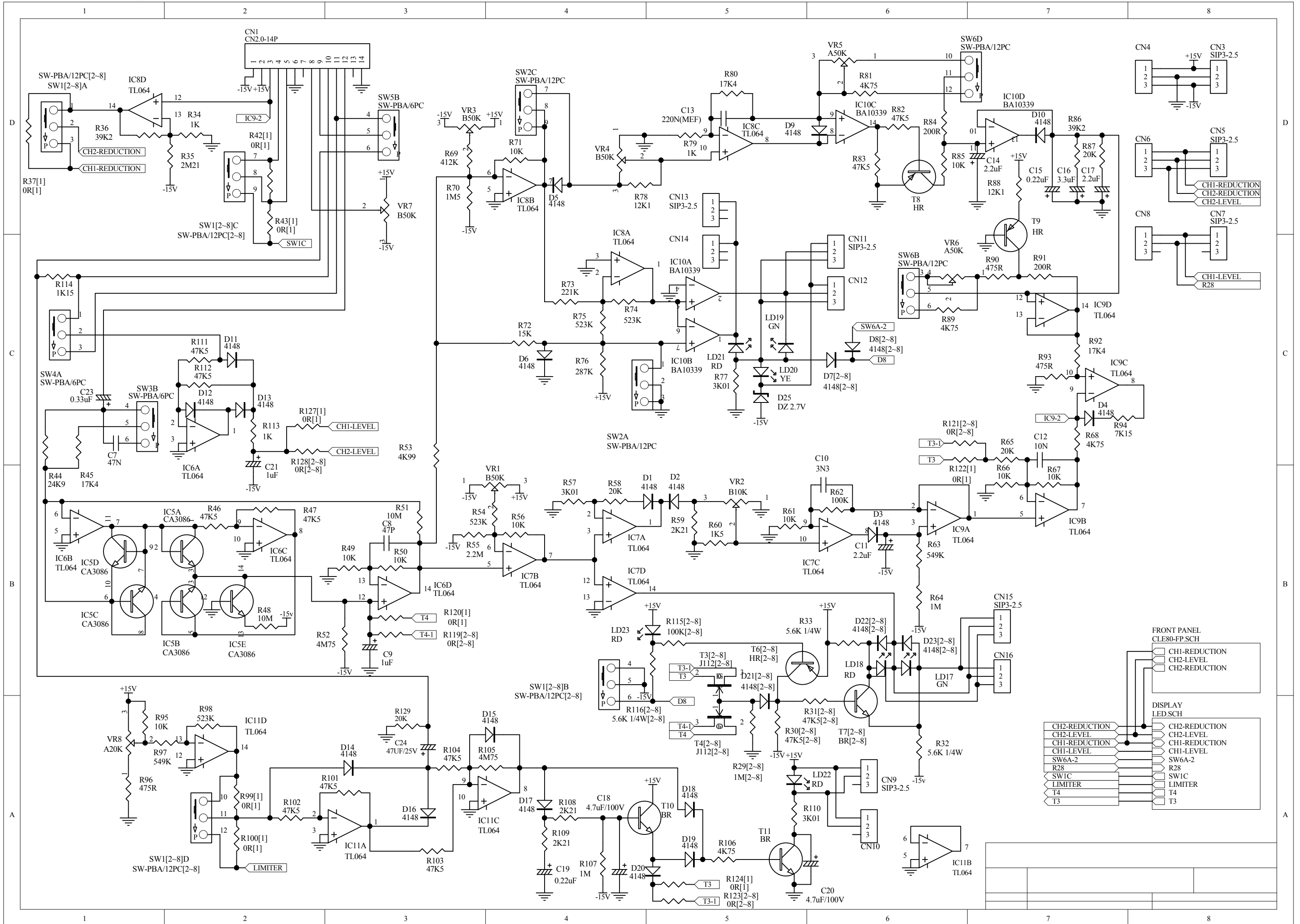
EXPANDER/GATE SECTION		

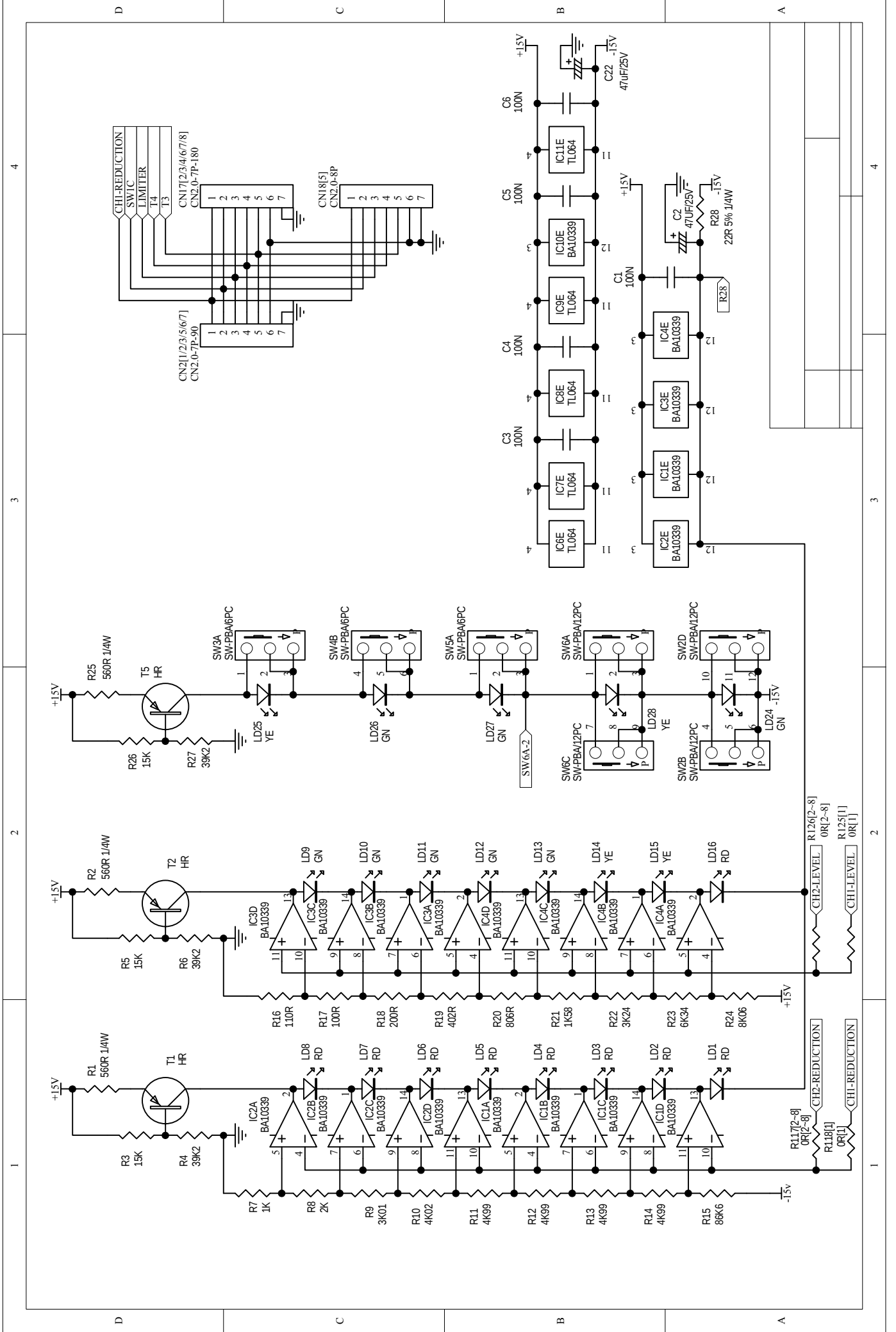
PHYSICAL		
	5.2Kg	

2. Block Diagram



3. Schematic Diagram





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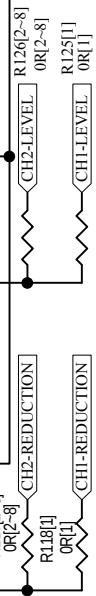
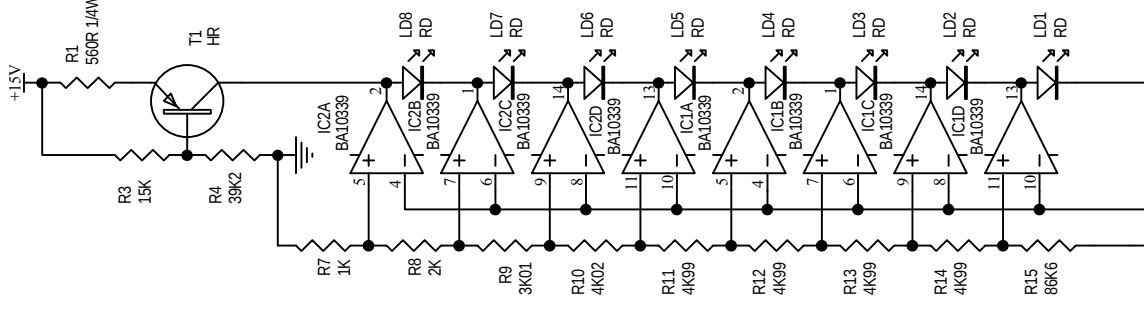
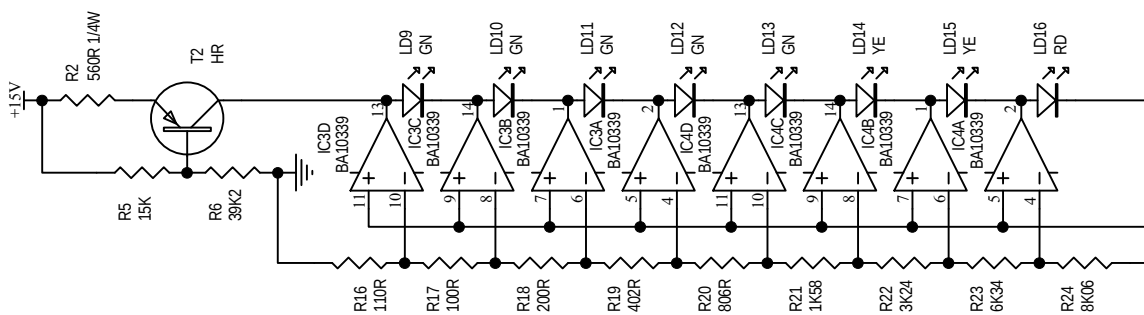
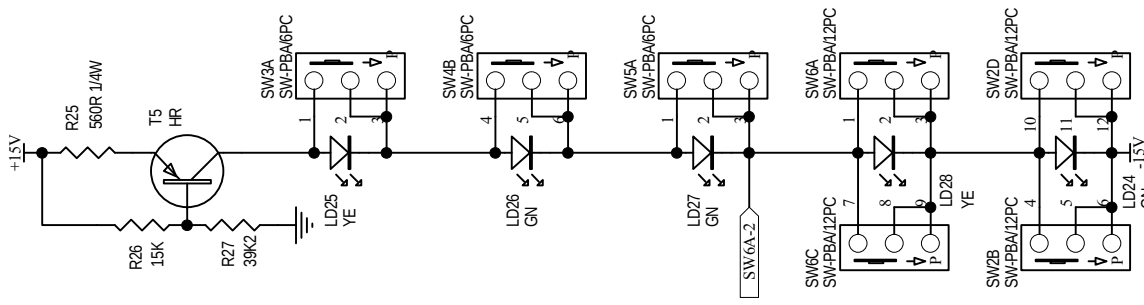
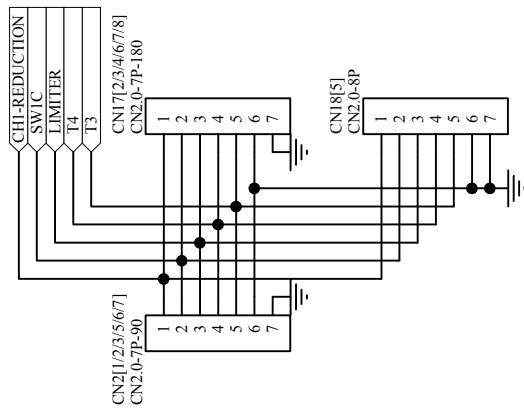
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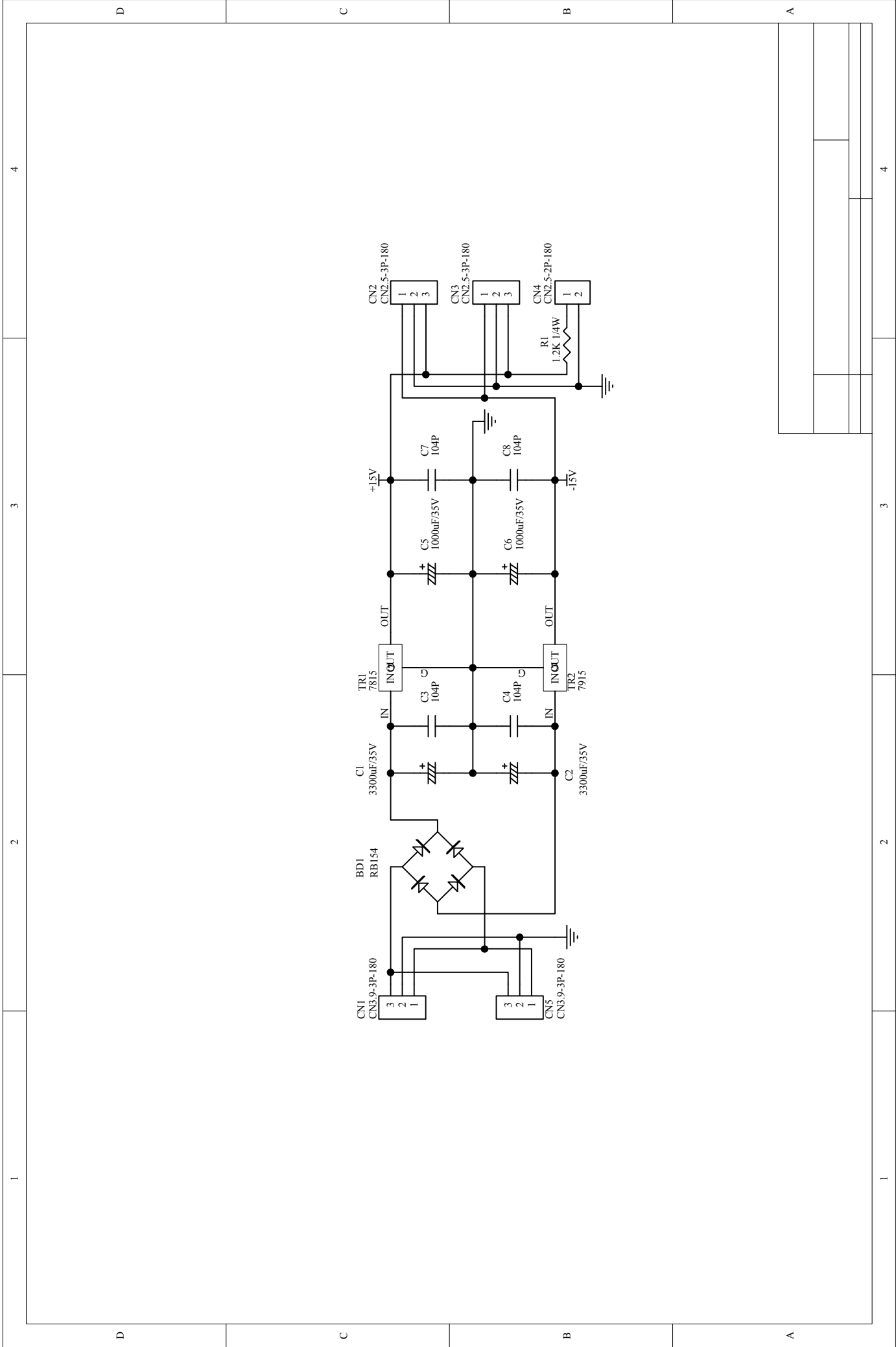
D

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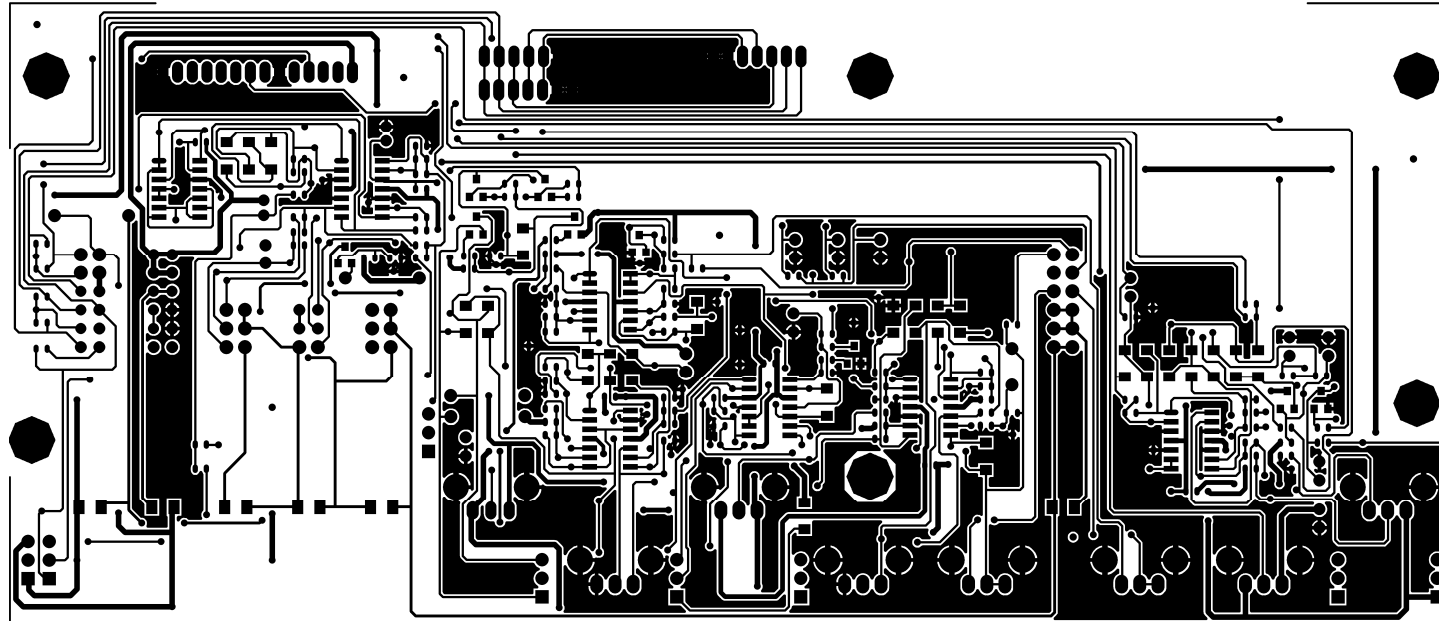
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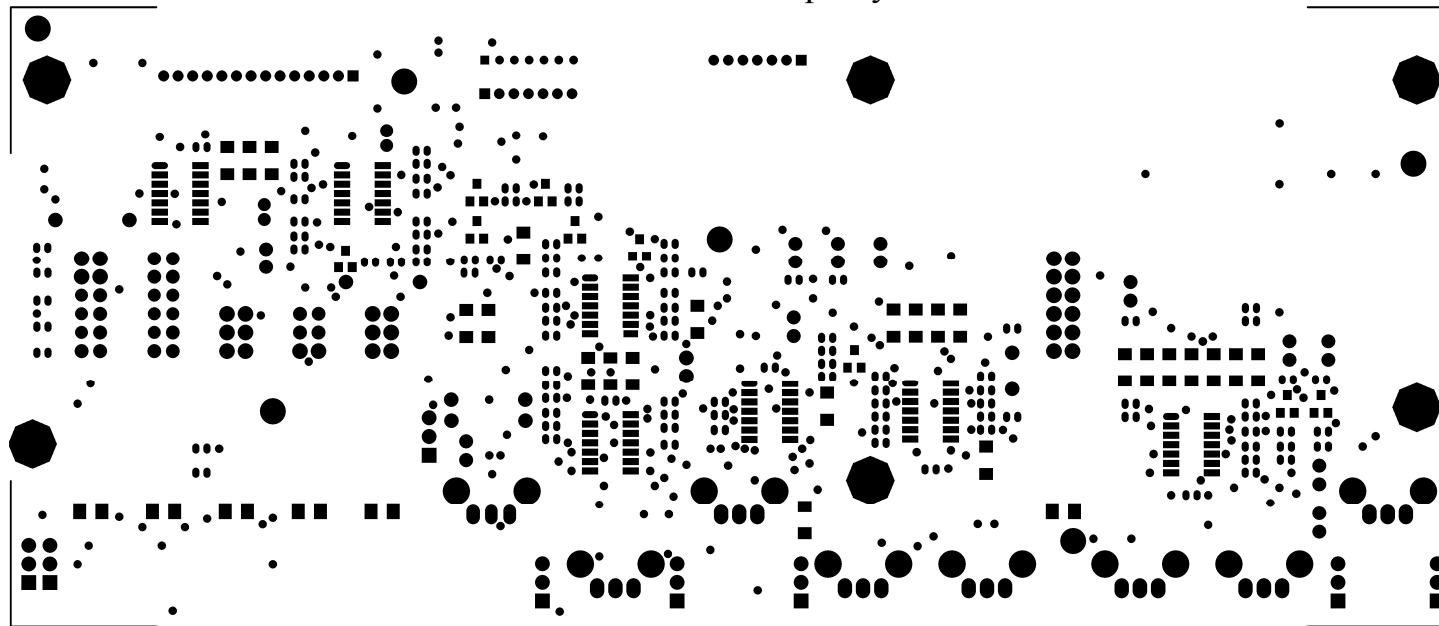
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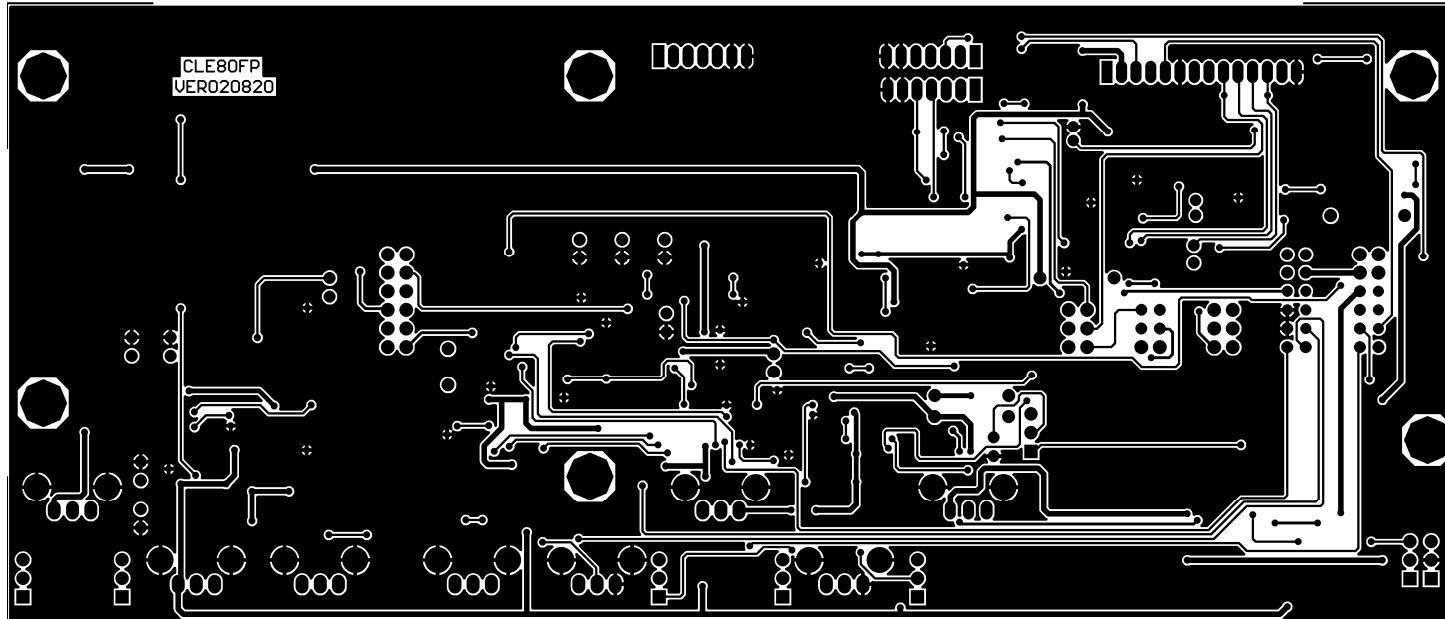
4. Printed Circuit Board



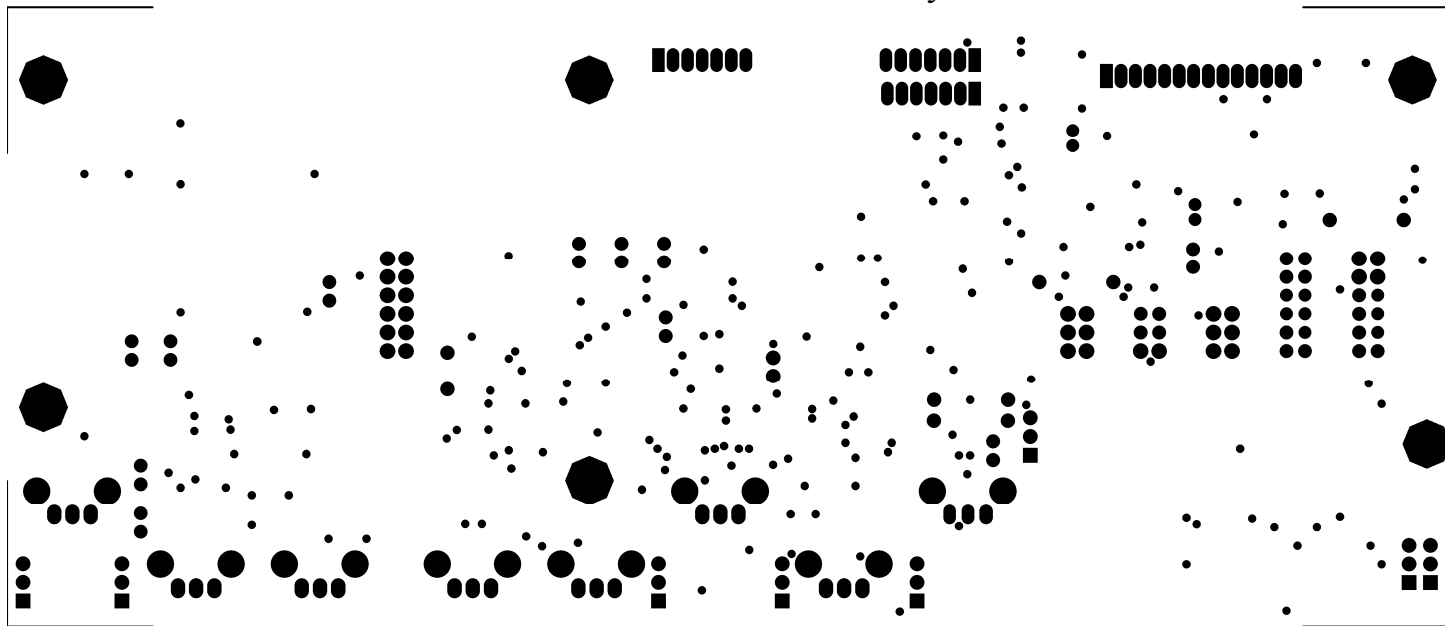
PCB : CLE80FP Top Layer



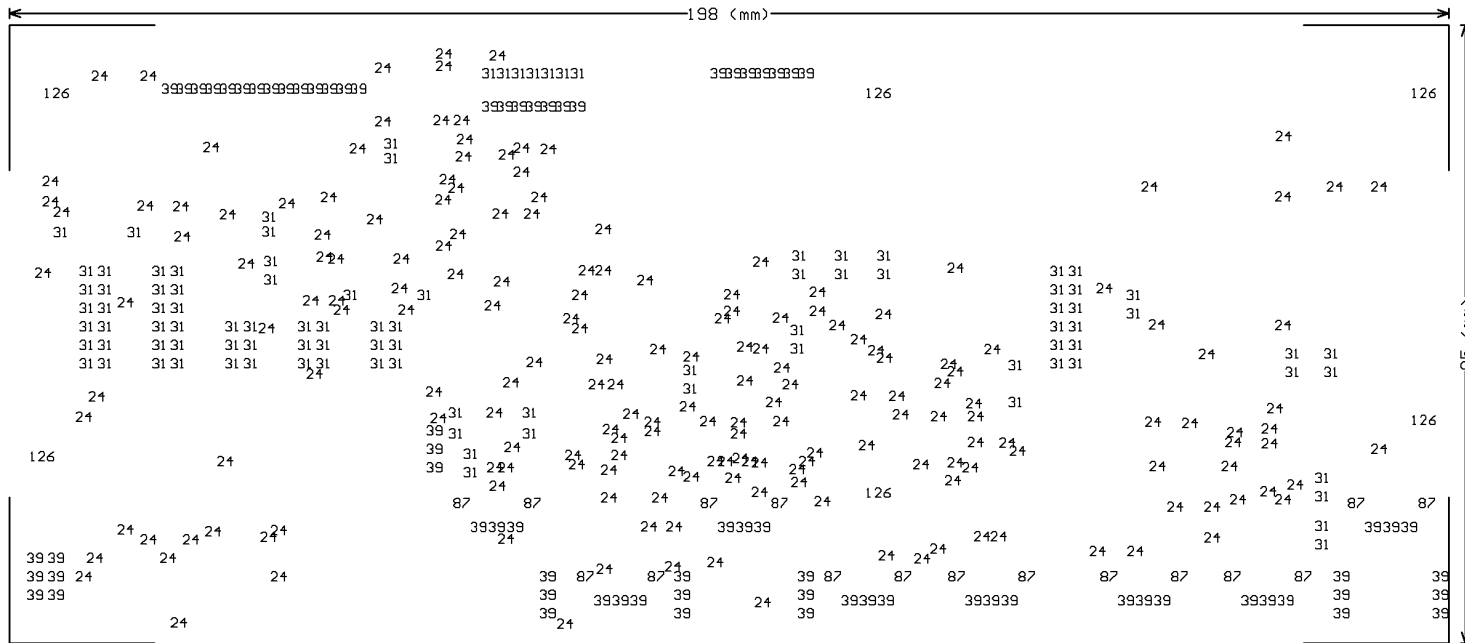
PCB : CLE80FP Top Solder Mask



PCB : CLE80FP Bottom Layer

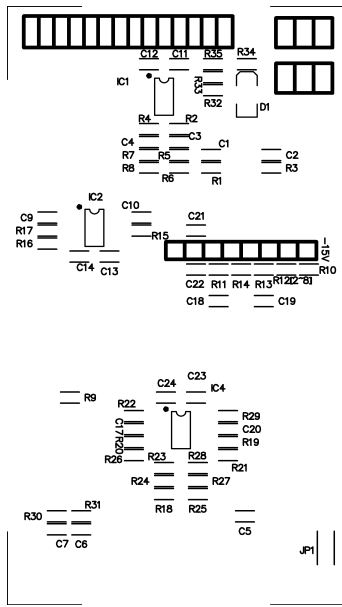
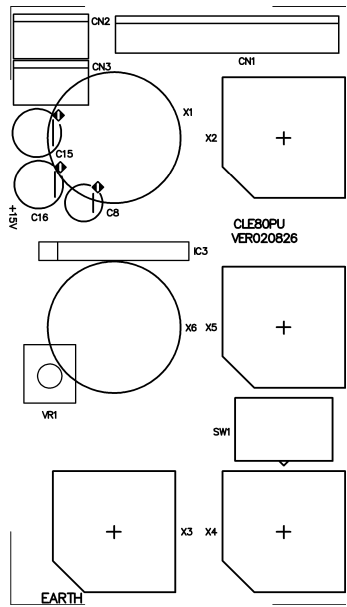
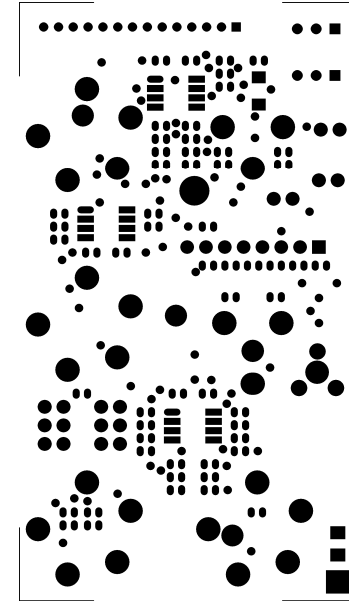
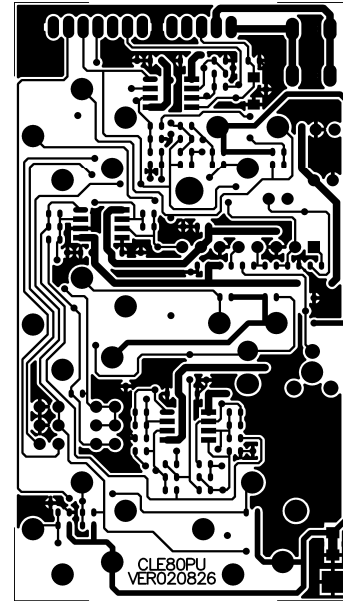
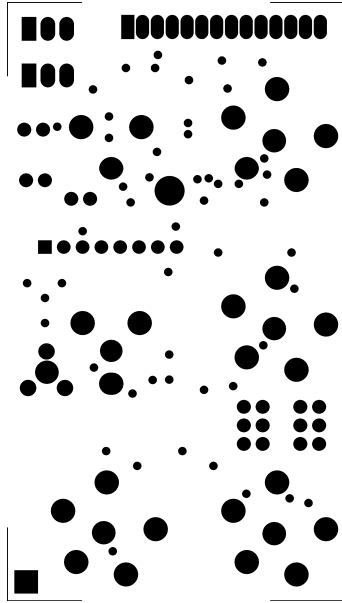
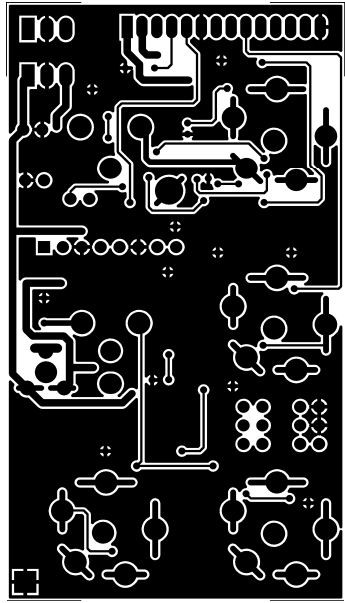


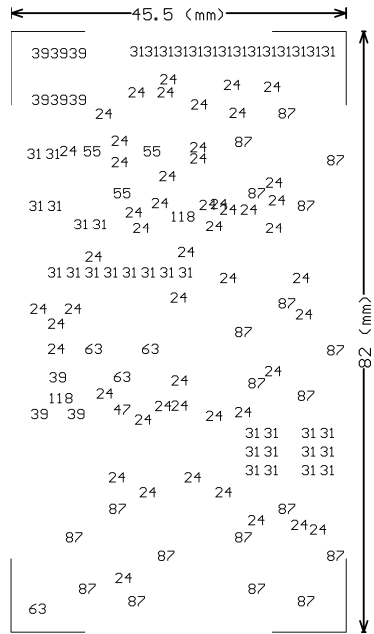
PCB : CLE80FP Bottom Solder Mask



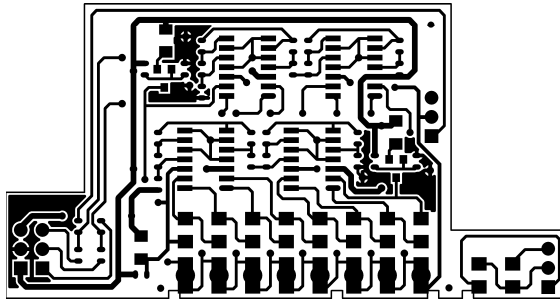
PCB : CLE80FP Drill Drawing Plots

Tool	Hole Size	Hole Count Plated	Tool Travel
T1	24mil (0.6096mm)	195	77.97 Inch (1980.38 mm)
T2	31mil (0.7874mm)	99	41.48 Inch (1053.58 mm)
T3	39mil (0.9906mm)	76	34.75 Inch (882.54 mm)
T4	87mil (2.2098mm)	16	25.04 Inch (635.94 mm)
T5	126mil (3.2004mm)	6	NPTH 35.88 Inch (911.31 mm)
Totals		392	215.11 Inch (5463.75 mm)

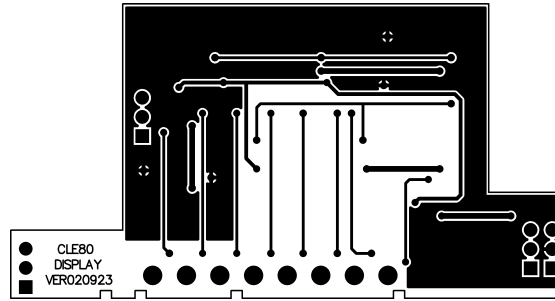




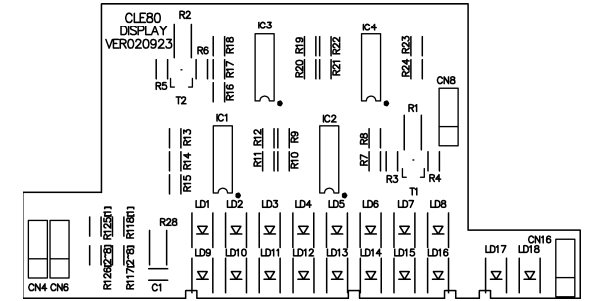
Tool	Hole Size	Hole Count Plated	Tool Travel
T1	24mil (0.6096mm)	51	39.43 Inch (1001.63 mm)
T2	31mil (0.7874mm)	40	35.21 Inch (894.33 mm)
T3	39mil (0.9906mm)	9	27.35 Inch (694.74 mm)
T4	47mil (1.1938mm)	1	25.12 Inch (638.16 mm)
T5	55mil (1.397mm)	3	26.05 Inch (661.66 mm)
T6	63mil (1.6002mm)	4	26.28 Inch (667.48 mm)
T7	87mil (2.2098mm)	20	34.11 Inch (866.45 mm)
T8	118mil (2.9972mm)	1	25.71 Inch (653.08 mm)
T9	118mil (2.9972mm)	1	NPTH 24.81 Inch (630.20 mm)
Totals		130	264.08 Inch (6707.72 mm)



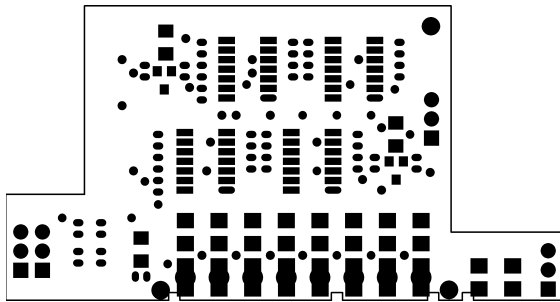
PCB : CLE80DISPLAY Top Layer



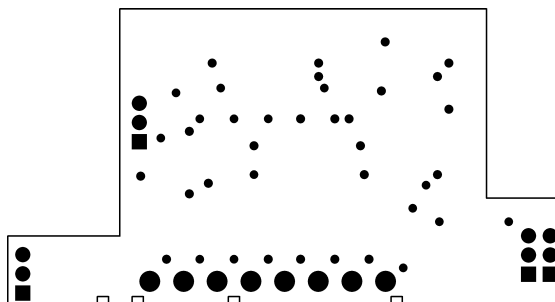
PCB : CLE80DISPLAY Bottom Layer



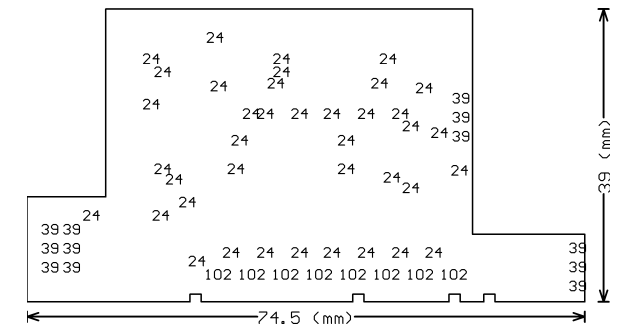
PCB : CLE80DISPLAY Top Overlay



PCB : CLE80DISPLAY Top Solder Mask

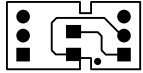


PCB : CLE80DISPLAY Bottom Solder Mask

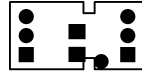
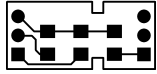


PCB : CLE80DISPLAY Drill Drawing Plots

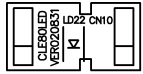
Tool	Hole Size	Hole Count Plated	Tool Travel
T1	24mil (0.6096mm)	39	15.06 Inch (382.50 mm)
T2	39mil (0.9906mm)	1	5.22 Inch (132.62 mm)
T3	39mil (0.9906mm)	11	NPTH 11.68 Inch (296.68 mm)
T4	102mil (2.5908mm)	8	NPTH 6.80 Inch (172.80 mm)
Totals		59	38.76 Inch (984.60 mm)



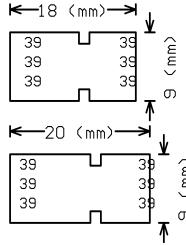
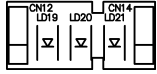
PCB : CLE80LED Top Layer



PCB : CLE80LED Top Solder Mask

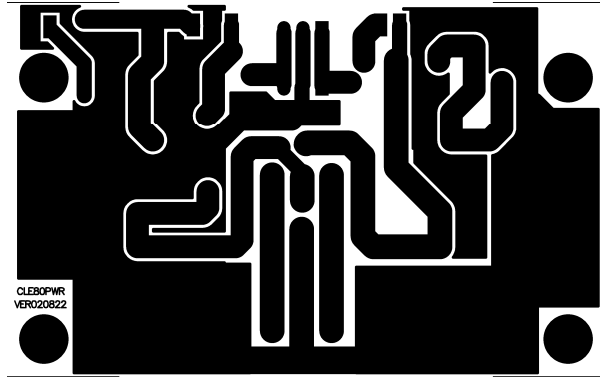


PCB : CLE80LED Top Overlay

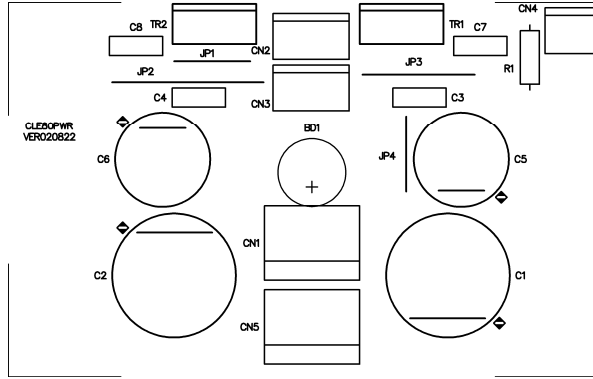


PCB : CLE80LED Drill Drawing Plots

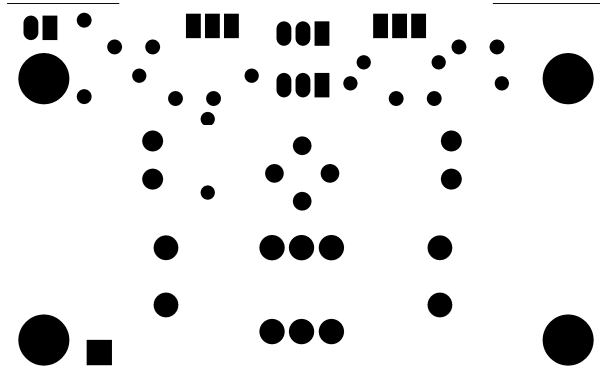
Tool	Hole Size	Hole Count	Plated	Tool Travel
T1	39mil (0.9906mm)	12	NPTH	16.26 Inch (412.91 mm)
Totals		12		16.26 Inch (412.91 mm)



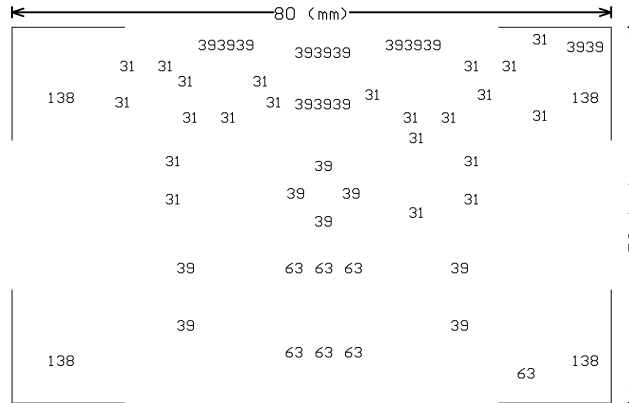
PCB : CLE80PWR TOP LAYER



PCB : CLE80PWR TOP OVERLAY

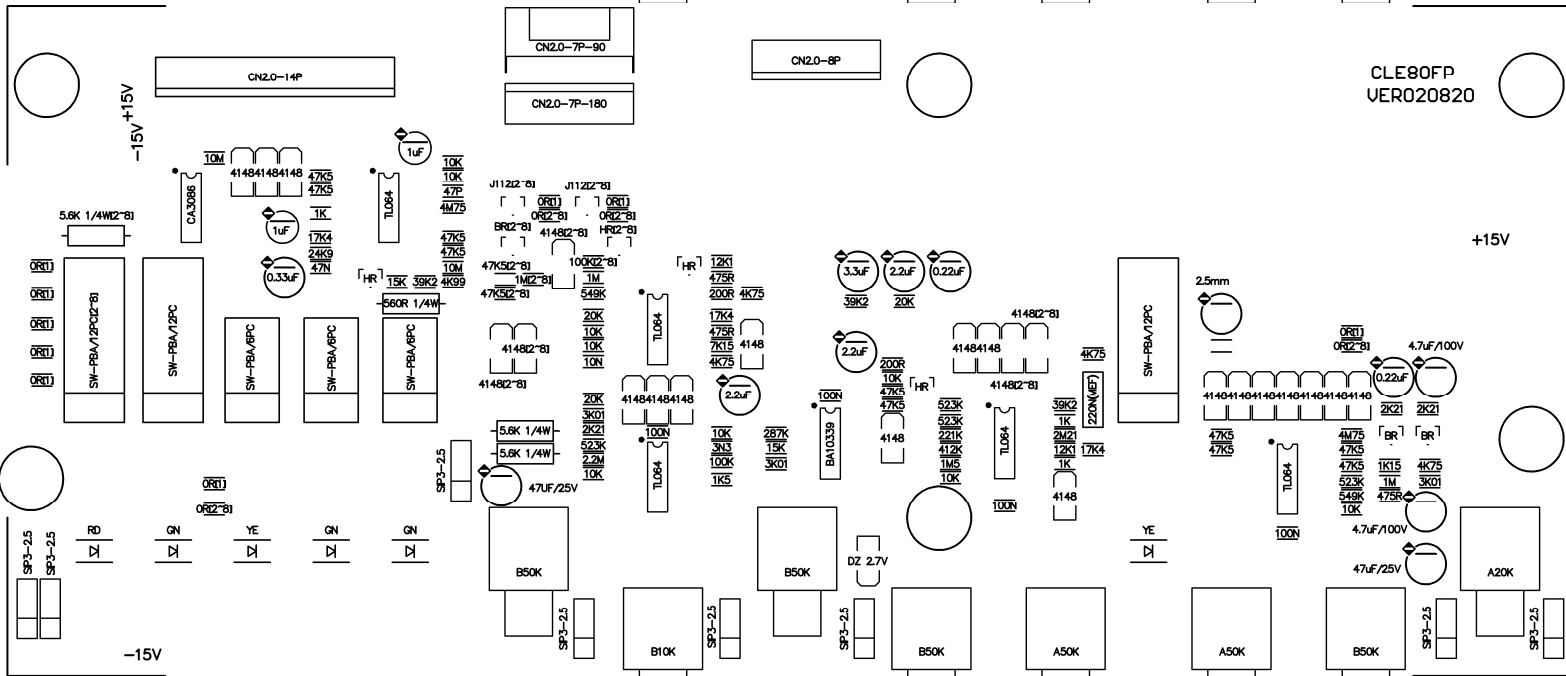
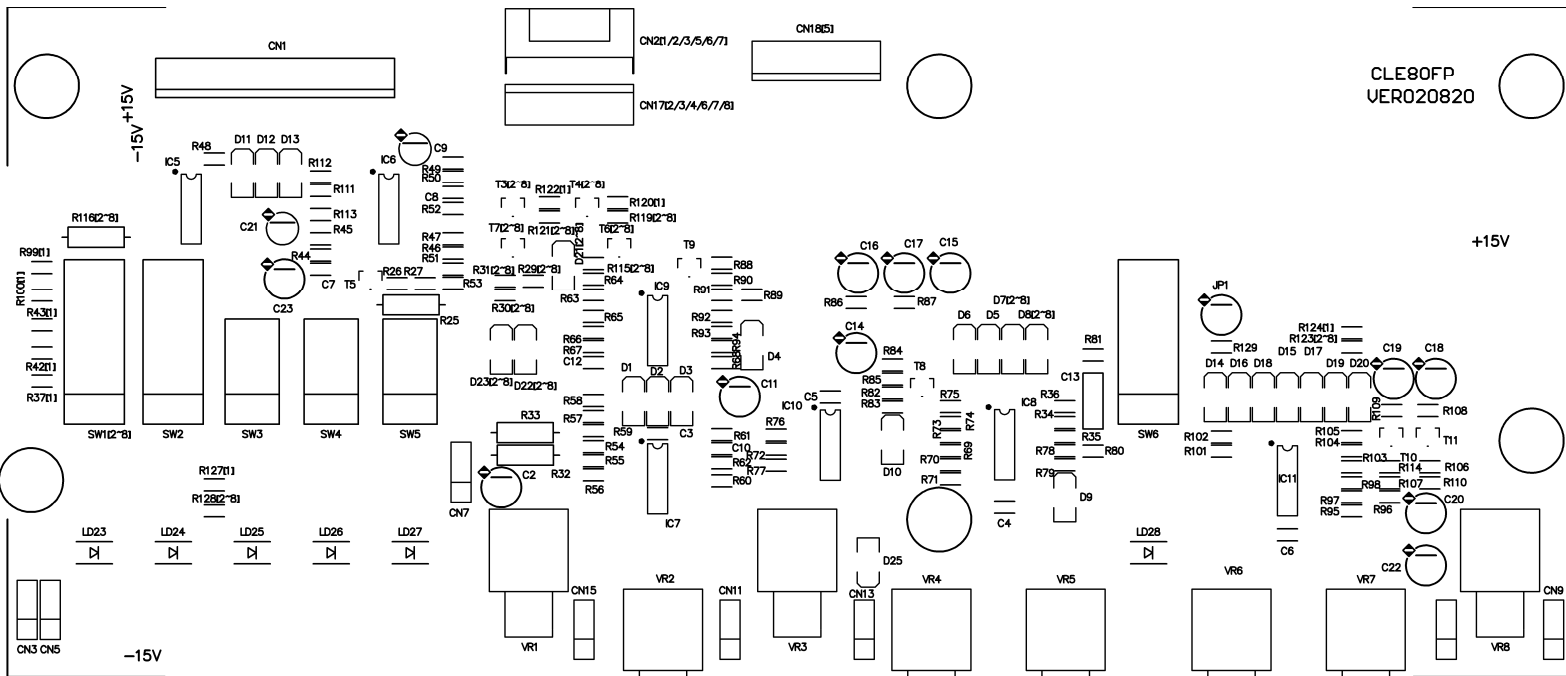


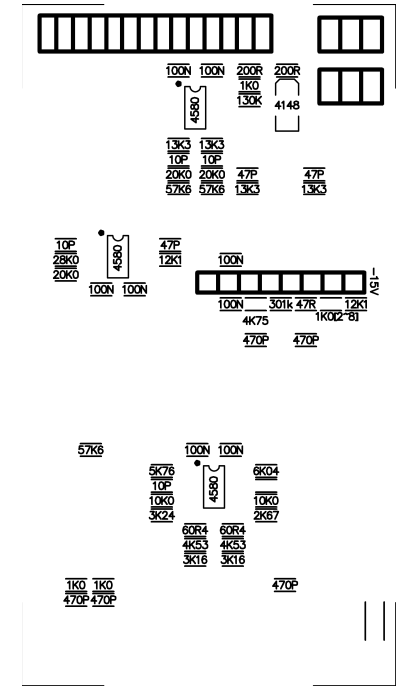
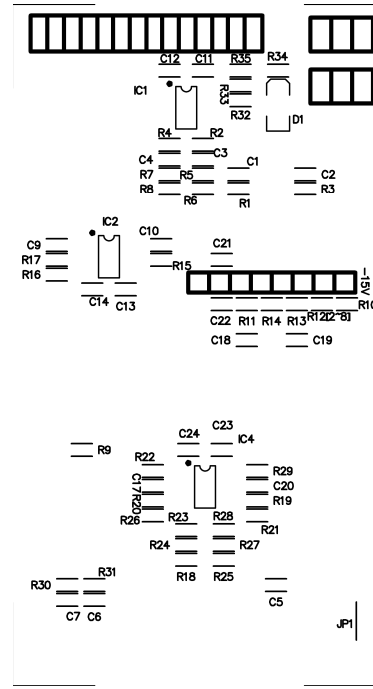
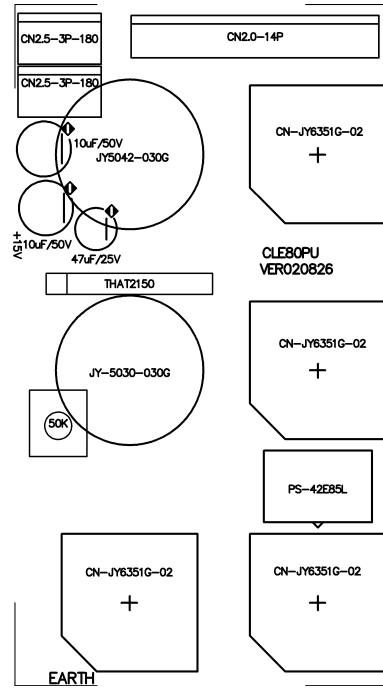
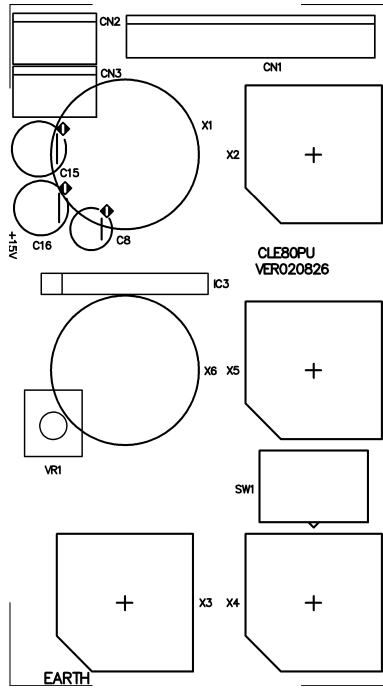
PCB : CLE80PWR TOP SOLDER MASK



PCB ; CLE80PWR DRILL DRAWING PLOTS

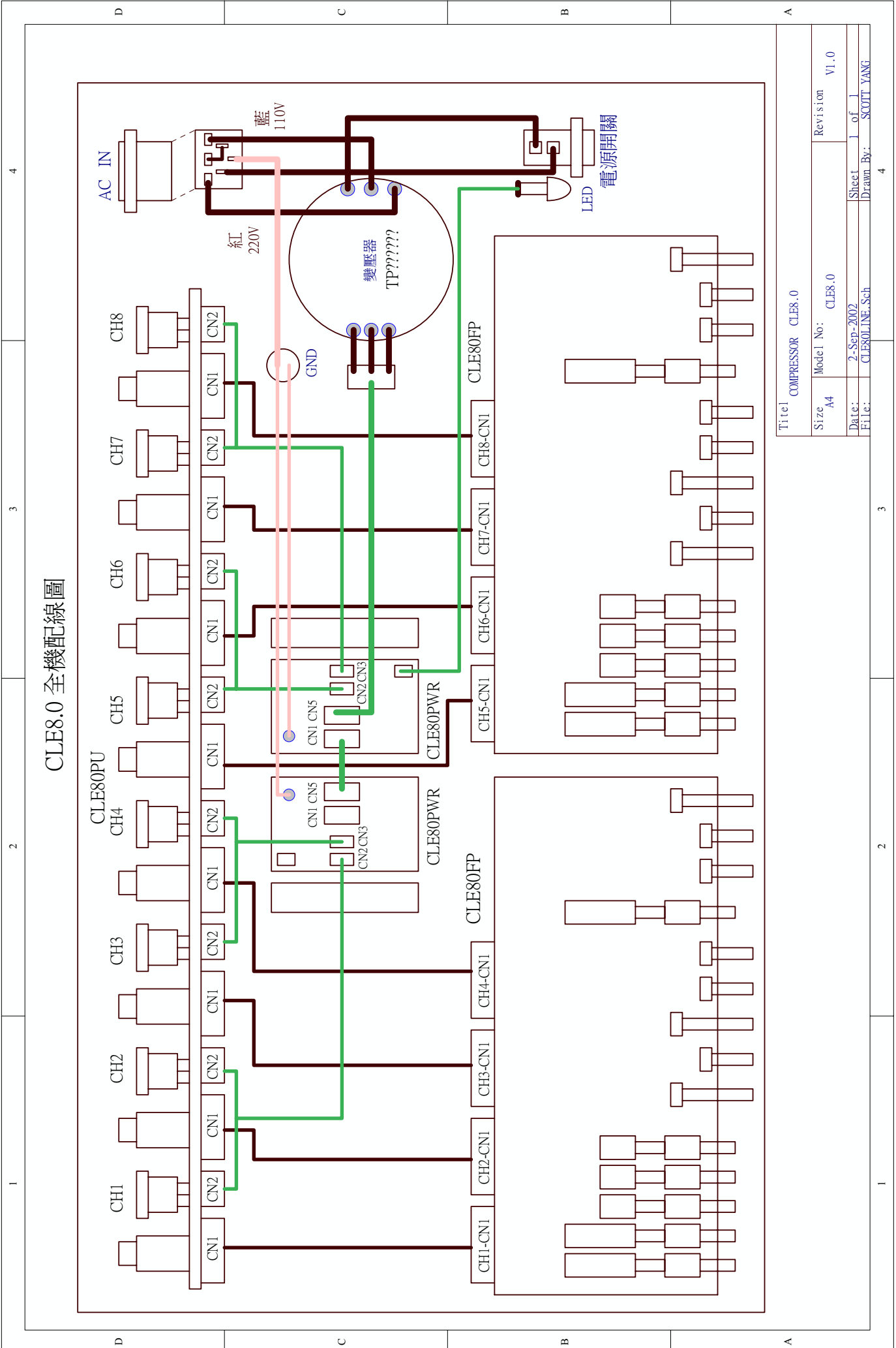
Tool	Hole Size	Hole Count Plated	Tool Travel
T1	31mil (0.7874mm)	22	29.73 Inch (755.27 mm)
T2	39mil (0.9906mm)	22	29.76 Inch (755.82 mm)
T3	63mil (1.6002mm)	7	23.29 Inch (591.65 mm)
T4	138mil (3.5052mm)	4	26.66 Inch (677.05 mm)
Totals		55	109.44 Inch (2779.79 mm)





5. Wiring Diagram

CLE8.0 全機配線圖



Title		COMPRESSOR CLE8.0	
Size	A4	Model No:	CLE8.0
Date:	2-Sep-2002	Revision	V1.0
File:	CLE80LINE.Sch	Sheet	1 of 1
		Drawn By:	SCOTT YANG

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7. Electrical Parts List

CLE8.0-ALTO-230V-

Structure Needing Material Detail List

<u>NO.</u>	<u>Midprod NO</u>	<u>Quantity</u>	<u>Unit</u>
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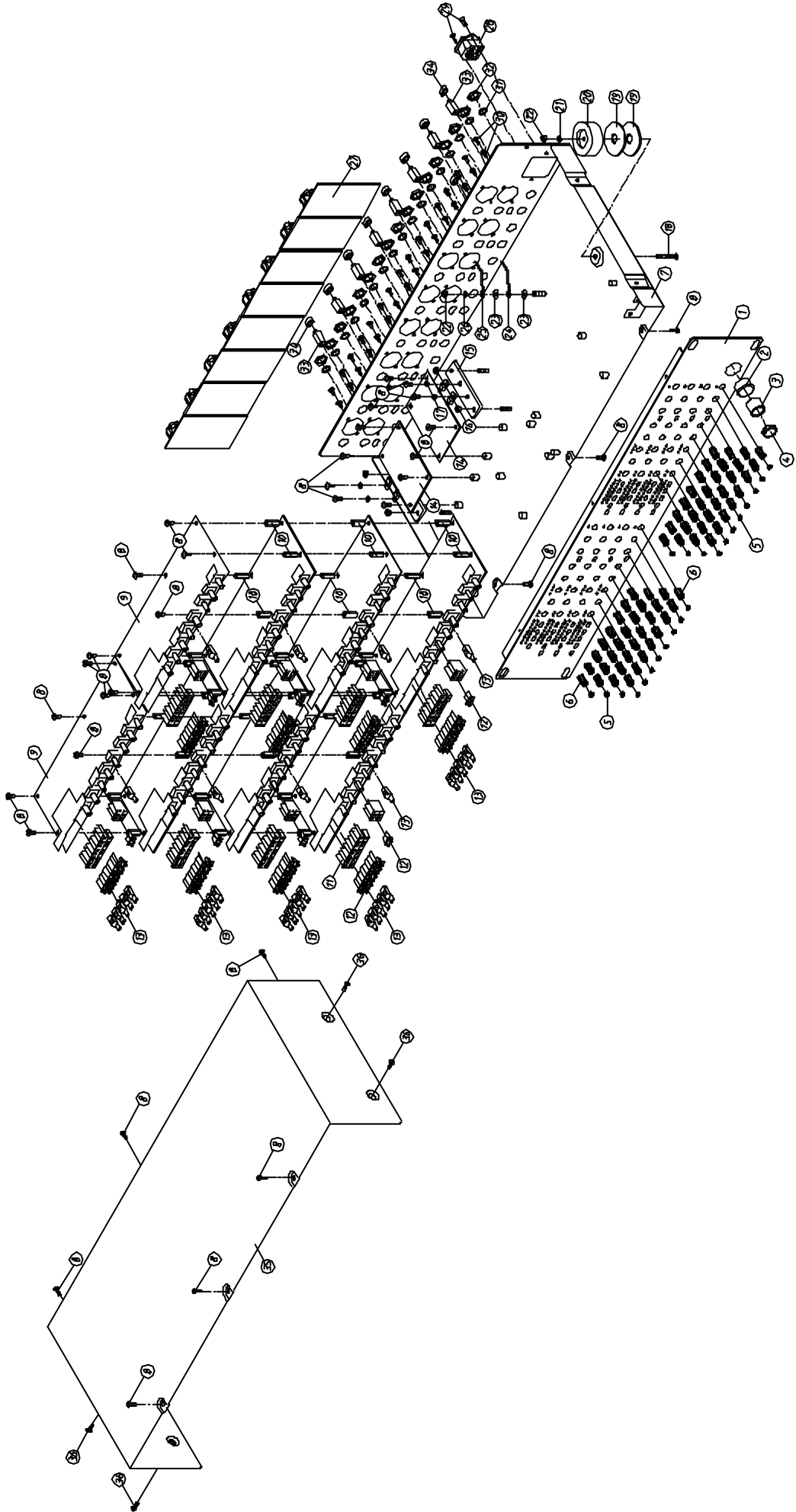
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NO ***Material No*** ***Item Name*** ***Specific***

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8. Exploded Views



機種:CLEB.0
図号:CLEB-00
日期:2002/9/03